

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Withdrawn) An EL display device comprising:

a pixel portion having a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor,

wherein said pixel portion comprises a plurality of pixel rows divided along said plurality of gate wirings, and

wherein said plurality of pixel rows comprise a first pixel row in which a red light emitting layer is formed, a second pixel row in which a green light emitting layer is formed, and a third pixel row in which a blue light emitting layer is formed.

2 (Withdrawn). An EL display device comprising:

a pixel portion having a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor,

wherein said pixel portion comprises a plurality of pixel rows divided along said plurality of source wirings, and

wherein said plurality of pixel rows comprise a first pixel row in which a red light emitting

layer is formed, a second pixel row in which a green light emitting layer is formed, and a third pixel row in which a blue light emitting layer is formed.

3 (Previously presented). An EL display device comprising:

a pixel portion having a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, a plurality of banks provided over said plurality of gate wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor,

wherein said pixel portion comprises a plurality of pixel rows arranged along said plurality of banks, and

wherein said plurality of pixel rows comprise a first pixel row in which a red light emitting layer is formed, a second pixel row in which a green light emitting layer is formed, and a third pixel row in which a blue light emitting layer is formed, and

wherein each of said plurality of pixel rows comprises at least two pixels and a light emitting layer covering the at least two pixels.

4 (Withdrawn). An EL display device comprising:

a pixel portion having a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, a plurality of banks provided over said plurality of source wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor,

wherein said pixel portion comprises a plurality of pixel rows divided along said plurality of banks, and

wherein said plurality of pixel rows comprise a first pixel row in which a red light emitting layer is formed, a second pixel row in which a green light emitting layer is formed, and a third pixel row in which a blue light emitting layer is formed.

5 (Withdrawn). An EL display device comprising:

a pixel portion having a plurality of cathodes arranged in a stripe shape, a plurality of anodes arranged in a stripe shape so as to intersect said plurality of cathodes, and a plurality of light emitting layers provided between said plurality of cathodes and said plurality of anodes,

wherein said pixel portion comprises a plurality of pixel rows divided along said plurality of cathodes, and

wherein said plurality of pixel rows comprise a first pixel row in which a red light emitting layer is formed, a second pixel row in which a green light emitting layer is formed, and a third pixel row in which a blue light emitting layer is formed.

6 (Withdrawn). An EL display device comprising:

a pixel portion having a plurality of cathodes arranged in a stripe shape, a plurality of anodes arranged in a stripe shape so as to intersect said plurality of cathodes, a plurality of banks provided in the gaps of said plurality of cathodes, and a plurality of light emitting layers provided between said plurality of cathodes and said plurality of anodes,

wherein said pixel portion comprises a plurality of pixel rows divided along said plurality of banks, and

wherein said plurality of pixel rows comprise a first pixel row in which a red light emitting layer is formed, a second pixel row in which a green light emitting layer is formed, and a third pixel

row in which a blue light emitting layer is formed.

7 (Withdrawn). An EL display device according to claim 1, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

8 (Withdrawn). An EL display device according to claim 2, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

9 (Original). An EL display device according to claim 3, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

10 (Withdrawn). An EL display device according to claim 4, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

11 (Withdrawn). An EL display device according to claim 5, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

12 (Withdrawn). An EL display device according to claim 6, wherein said red light emitting

layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

13 (Withdrawn). An EL display device according to claim 1, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

14 (Withdrawn). An EL display device according to claim 2, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

15 (Original). An EL display device according to claim 3, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

16 (Withdrawn). An EL display device according to claim 4, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

17 (Withdrawn). An EL display device according to claim 5, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

18 (Withdrawn). An EL display device according to claim 6, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

19 (Withdrawn). A method for manufacturing an EL display device having a pixel portion comprising a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor, said method comprising the steps of:

forming a plurality of pixel rows by dividing said pixel portion along said plurality of gate wirings; and

forming a light emitting layer in each pixel row,

wherein said light emitting layer is selected from the group consisting of a red light emitting layer, a green light emitting layer and a blue light emitting layer.

20 (Withdrawn). A method for manufacturing an EL display device having a pixel portion comprising a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate

wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor, said method comprising the steps of:

forming a plurality of pixel rows by dividing said pixel portion along said plurality of source wirings; and

forming a light emitting layer in each pixel row,

wherein said light emitting layer is selected from the group consisting of a red light emitting layer, a green light emitting layer and a blue light emitting layer.

21 (Withdrawn). A method for manufacturing an EL display device having a pixel portion comprising a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, a plurality of banks provided over said plurality of gate wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor, said method comprising the steps of:

forming a plurality of pixel rows by dividing said pixel portion along said plurality of banks; and

forming a light emitting layer in each pixel row,

wherein said light emitting layer is selected from the group consisting of a red light emitting layer, a green light emitting layer and a blue light emitting layer.

22 (Withdrawn). A method for manufacturing an EL display device having a pixel portion comprising a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, a plurality of banks provided over said plurality of source wirings, at least one thin film

transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor, said method comprising the steps of:

forming a plurality of pixel rows by dividing said pixel portion along said plurality of banks;
and

forming a light emitting layer in each pixel row,
wherein said light emitting layer is selected from the group consisting of a red light emitting layer, a green light emitting layer and a blue light emitting layer.

23 (Withdrawn). A method for manufacturing an EL display device having a pixel portion comprising a plurality of cathodes arranged in a stripe shape, a plurality of anodes arranged in a stripe shape so as to intersect said plurality of cathodes, and a plurality of light emitting layers provided between said plurality of cathodes and said plurality of anodes, said method comprising the steps of:

forming a plurality of pixel rows by dividing said pixel portion along said plurality of cathodes; and

forming a light emitting layer in each pixel row,
wherein said light emitting layer is selected from the group consisting of a red light emitting layer, a green light emitting layer and a blue light emitting layer.

24 (Withdrawn). A method for manufacturing an EL display device having a pixel portion comprising a plurality of cathodes arranged in a stripe shape, a plurality of anodes arranged in a stripe shape so as to intersect said plurality of cathodes, a plurality of bank provided in the gaps of plurality of cathodes, and a plurality of light emitting layers provided between said plurality of

cathodes and said plurality of anodes, said method comprising the steps of:

forming a plurality of pixel rows by dividing said pixel portion along said plurality of banks;
and
forming a light emitting layer in each pixel row,
wherein said light emitting layer is selected from the group consisting of a red light emitting layer, a green light emitting layer and a blue light emitting layer.

25 (Withdrawn). A method according to claim 19, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

26 (Withdrawn). A method according to claim 20, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

27 (Withdrawn). A method according to claim 21, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

28 (Withdrawn). A method according to claim 22, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

29 (Withdrawn). A method according to claim 23, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

30 (Withdrawn). A method according to claim 24, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

31 (Withdrawn). A method according to claim 19, wherein said method further comprises discharging a red light emitting layer application liquid that is to become said red light emitting layer, a green light emitting layer application liquid that is to become said green light emitting layer and a blue light emitting layer application liquid that is to become said blue light emitting layer from separate nozzles at the same time, and performing heat treatment to the discharged said red light emitting layer application liquid, said green light emitting layer application liquid and said blue light emitting layer application liquid.

32 (Withdrawn). A method according to claim 20, wherein said method further comprises discharging a red light emitting layer application liquid that is to become said red light emitting layer, a green light emitting layer application liquid that is to become said green light emitting layer and a blue light emitting layer application liquid that is to become said blue light emitting layer from separate nozzles at the same time, and performing heat treatment to the discharged said red light emitting layer application liquid, said green light emitting layer application liquid and said blue light emitting layer application liquid.

33 (Withdrawn). A method according to claim 21, wherein said method further comprises discharging a red light emitting layer application liquid that is to become said red light emitting layer, a green light emitting layer application liquid that is to become said green light emitting layer and a blue light emitting layer application liquid that is to become said blue light emitting layer from separate nozzles at the same time, and performing heat treatment to the discharged said red light emitting layer application liquid, said green light emitting layer application liquid and said blue light emitting layer application liquid.

34 (Withdrawn). A method according to claim 22, wherein said method further comprises discharging a red light emitting layer application liquid that is to become said red light emitting layer, a green light emitting layer application liquid that is to become said green light emitting layer and a blue light emitting layer application liquid that is to become said blue light emitting layer from separate nozzles at the same time, and performing heat treatment to the discharged said red light emitting layer application liquid, said green light emitting layer application liquid and said blue light emitting layer application liquid.

35 (Withdrawn). A method according to claim 23, wherein said method further comprises discharging a red light emitting layer application liquid that is to become said red light emitting layer, a green light emitting layer application liquid that is to become said green light emitting layer and a blue light emitting layer application liquid that is to become said blue light emitting layer from separate nozzles at the same time, and performing heat treatment to the discharged said red light emitting layer application liquid, said green light emitting layer application liquid and said blue light

emitting layer application liquid.

36 (Withdrawn). A method according to claim 24, wherein said method further comprises discharging a red light emitting layer application liquid that is to become said red light emitting layer, a green light emitting layer application liquid that is to become said green light emitting layer and a blue light emitting layer application liquid that is to become said blue light emitting layer from separate nozzles at the same time, and performing heat treatment to the discharged said red light emitting layer application liquid, said green light emitting layer application liquid and said blue light emitting layer application liquid.

37 (Withdrawn). A method according to claim 19, wherein at least one of said red light emitting layer, said green light emitting layer and said blue light emitting layer is formed by performing heat treatment to an application liquid discharged from a nozzle, and the remaining light emitting layers are formed by a method selected from the group consisting of a spin coating method, a printing method and an evaporation method.

38 (Withdrawn). A method according to claim 20, wherein at least one of said red light emitting layer, said green light emitting layer and said blue light emitting layer is formed by performing heat treatment to an application liquid discharged from a nozzle, and the remaining light emitting layers are formed by a method selected from the group consisting of a spin coating method, a printing method and an evaporation method.

39 (Withdrawn). A method according to claim 21, wherein at least one of said red light

emitting layer, said green light emitting layer and said blue light emitting layer is formed by performing heat treatment to an application liquid discharged from a nozzle, and the remaining light emitting layers are formed by a method selected from the group consisting of a spin coating method, a printing method and an evaporation method.

40 (Withdrawn). A method according to claim 22, wherein at least one of said red light emitting layer, said green light emitting layer and said blue light emitting layer is formed by performing heat treatment to an application liquid discharged from a nozzle, and the remaining light emitting layers are formed by a method selected from the group consisting of a spin coating method, a printing method and an evaporation method.

41 (Withdrawn). A method according to claim 23, wherein at least one of said red light emitting layer, said green light emitting layer and said blue light emitting layer is formed by performing heat treatment to an application liquid discharged from a nozzle, and the remaining light emitting layers are formed by a method selected from the group consisting of a spin coating method, a printing method and an evaporation method.

42 (Withdrawn). A method according to claim 24, wherein at least one of said red light emitting layer, said green light emitting layer and said blue light emitting layer is formed by performing heat treatment to an application liquid discharged from a nozzle, and the remaining light emitting layers are formed by a method selected from the group consisting of a spin coating method, a printing method and an evaporation method.

43 (Withdrawn). A method for forming an EL display device comprising the steps of:
forming a pixel portion having at least two adjacent pixels over a substrate; and
providing a light emitting layer application in said two adjacent pixels continuously from a
dispenser during moving said dispenser relatively to said substrate,

wherein said light emitting layer application is selected from the group consisting of a red
light emitting layer application, a green light emitting layer application and a blue light emitting layer
application.

44 (Withdrawn). A method according to claim 43, wherein said method further comprises
performing heat treatment to form a light emitting layer.

45 (Withdrawn). A method for forming an EL display device comprising the steps of:
forming a pixel portion having at least one pixel row over a substrate;
providing a light emitting layer application in said one pixel row continuously from a
dispenser during moving said dispenser relatively to said substrate,

wherein said light emitting layer application is selected from the group consisting of a red
light emitting layer application, a green light emitting layer application and a blue light emitting layer
application.

46 (Withdrawn). A method according to claim 45, wherein said method further comprises
performing heat treatment to form a light emitting layer.

47. (Previously presented) An EL display device comprising:

a pixel portion having a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, a plurality of banks provided over said plurality of gate wirings or said plurality of source wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor,

wherein said pixel portion comprises a plurality of pixel rows arranged along said plurality of banks, and

wherein said plurality of pixel rows comprise a first pixel row in which a red light emitting layer is formed, a second pixel row in which a green light emitting layer is formed, and a third pixel row in which a blue light emitting layer is formed, and

wherein each of said plurality of pixel rows comprises at least two pixels and a light emitting layer covering the at least two pixels.

48. (Previously presented) An EL display device according to claim 47, wherein said red light emitting layer, said green light emitting layer and said blue light emitting layer comprise high molecular organic EL materials.

49. (Previously presented) An EL display device according to claim 47, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal. --

50 (Previously presented). An EL display device comprising:

a pixel portion having a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, a plurality of banks provided over said plurality of gate wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor,

wherein said pixel portion comprises a plurality of pixel rows arranged along said plurality of banks, and

wherein each of said plurality of pixel rows comprises at least two pixels and a light emitting layer covering the at least two pixels.

51. (Previously presented) An EL display device according to claim 50, wherein said light emitting layer comprises high molecular organic EL materials.

52. (Previously presented) An EL display device according to claim 50, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

53. (Previously presented) An EL display device comprising:

a pixel portion having a plurality of gate wirings, a plurality of source wirings intersecting said plurality of gate wirings, a plurality of banks provided over said plurality of gate wirings or said plurality of source wirings, at least one thin film transistor surrounded by said plurality of gate wirings and said plurality of said source wirings, and an EL element electrically connected to said thin film transistor,

wherein said pixel portion comprises a plurality of pixel rows arranged along said plurality of banks, and

wherein each of said plurality of pixel rows comprises at least two pixels and a light emitting layer covering the at least two pixels.

54. (Previously presented) An EL display device according to claim 53, wherein said light emitting layer, comprises high molecular organic EL materials.

55. (Previously presented) An EL display device according to claim 53, wherein said EL display device is incorporated into an electronic device selected from the group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, an audio reproducing device, a personal computer, a game equipment, and a portable information terminal.

56 (New). An OLED display device for displaying a color image, the display device being viewed from a front side, comprising:

a) a plurality of OLED elements including first color elements that emit a first color of light and second color elements that emit a second color of light different from the first color, each OLED element comprising a first electrode further from the front side, a second electrode closer to the front side, and an organic electroluminescent element between the first and second electrodes;

b) where the first electrode of each OLED element is reflective, or a reflector is located behind the OLED elements; and

c) a corresponding plurality of color filter elements aligned with the OLED elements, including first and second color filters for passing the first or second color of light emitted by the

corresponding OLED element, and blocking other colors of light, wherein the first and second color filters pass greater than 80% of the first or second color of light emitted by the corresponding aligned OLED element.